

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	
	Filing Date	08/27/2003
	First Named Inventor	Kim, Raymond
	Art Unit	
	Examiner Name	
Total Number of Pages in This Submission	53	Attorney Docket Number 020144-003100US

 03913 U.S. PTO
 10/650261

08/27/03

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard; Fee Trans. SB/17 (1 pg., 2 copies); Declaration of Kim (1 pg.); Recordation Cover Sheet PTO-1595 with fee auth. (1 pg.); Assignment of Kim to Zyomxy, Inc. (2 pgs.); Power of Attorney (1 pg.); Statement Under 37 CFR 3.73(b) attaching copy of Assignment as exhibit (3 pgs.); Application Data Sheet (3 pgs.); Utility Patent Application Trans. SB/05 (1 pg.); utility patent appl. with spec., claims and abstract (32 pgs.); unnumbered cover sheet (1 pg.); and Figures 1A-3 (5 sheets).
Remarks		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Townsend and Townsend and Crew LLP Kenneth E. Jenkins, Ph.D.	Reg. No. 51,846
Signature	<i>Kenneth E. Jenkins</i>	
Date	08/27/2003	

CERTIFICATE OF MAILING

Express Mail Label: EV 330853819 US		
I hereby certify that this correspondence is being deposited with the United States Postal Service with "Express Mail Post Office to Address" service under 37 CFR 1.10 on this date 08/27/2003 and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450		
Typed or printed name	Dana Kane	
Signature	<i>Dana Kane</i>	Date 08/27/2003

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 429

Complete if Known

Application Number
Filing Date 08/27/2003
First Named Inventor Kim, Raymond
Examiner Name
Art Unit
Attorney Docket No. 020144-003100US

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ MoneyOrder ☐ Other ☐ None

☒ Deposit Account:

Deposit
Account
Number

20-1430

Deposit
Account
Name

Townsend and Townsend and Crew LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	375
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$375)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fees from below	Fee Paid
26	-20** = 6	X\$9 =	\$54
Independent Claims	2	-3** = 0	X\$42 = \$0
Multiple Dependent		X	

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$54)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Fee Code	Small Fee Code	Large Fee (\$)	Small Fee (\$)	Fee Description	Fee Paid
1051	2051	130	65	Surcharge - late filing fee or oath	
1052	2052	50	25	Surcharge - late provisional filing fee or cover sheet.	
1053	1812	130	2,520	Non-English specification	
1812	1804	2,520	920*	For filing a request for reexamination	
1804	1805	920*	1,840*	Requesting publication of SIR prior to Examiner action	
1805	1251	1,840*	110	Requesting publication of SIR after Examiner action	
1251	1252	110	410	Extension for reply within first month	
1252	1253	410	930	Extension for reply within second month	
1253	1254	930	1,450	Extension for reply within third month	
1254	1255	1,450	1,970	Extension for reply within fourth month	
1255	1401	1,970	320	Extension for reply within fifth month	
1401	1402	320	320	Notice of Appeal	
1402	1403	320	280	Filing a brief in support of an appeal	
1403	1451	280	1,510	Request for oral hearing	
1451	1452	1,510	110	Petition to institute a public use proceeding	
1452	1453	110	1,300	Petition to revive - unavoidable	
1453	1501	1,300	1,300	Petition to revive - unintentional	
1501	1502	1,300	470	Utility issue fee (or reissue)	
1502	1503	470	630	Design issue fee	
1503	1460	630	130	Plant issue fee	
1460	1807	130	50	Petitions to the Commissioner	
1807	1806	50	180	Petitions related to provisional applications	
1806	8021	180	40	Submission of Information Disclosure Stmt	
8021	1809	40	750	Recording each patent assignment per property (times number of properties)	
1809	1810	750	750	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	1801	750	750	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	1802	750	900	Request for Continued Examination (RCE)	
1802		900		Request for expedited examination of a design application	

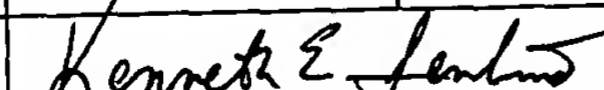
Other fee (specify)

*Reduced by Basic Filing Fee Paid SUBTOTAL (3)

(\$)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Kenneth E. Jenkins, Ph.D.	Registration No. (Attorney/Agent)	51,846	Telephone	415-576-0200
Signature				Date	08/27/2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. 60027307 v1
If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

UTILITY PATENT APPLICATION TRANSMITTAL		Attorney Docket No. 020144-003100US
		First Inventor KIM, Raymond
		Title FILM LAYER FOR DETECTION OF IMMOBILIZED ANALYTES
(Only for new nonprovisional applications under 37 CFR 1.53(b))		Express Mail Label No. ev 330853819


APPLICATION ELEMENTS See MPEP chapter 600 concerning design patent application contents.	ADDRESS TO Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i> 2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 3. <input checked="" type="checkbox"/> Specification [Total Pages 32] <i>(preferred arrangement set forth below)</i> - Descriptive title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 5] 5. Oath or Declaration [Total Pages 1] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <i>(for a continuation/divisional with Box 18 completed)</i> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program <i>(Appendix)</i> 8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper number of pages c. <input type="checkbox"/> Statements verifying identity of above copies ACCOMPANYING APPLICATIONS PARTS 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input checked="" type="checkbox"/> 37 CFR 3.73(b) Statement X Power of <i>(when there is an assignee)</i> Attorney 11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> 12. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent 17. <input type="checkbox"/> Other:

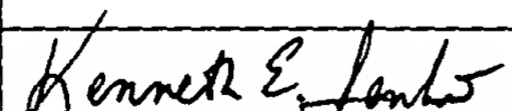
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: _____
 Prior application information: Examiner _____ Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number	 20350 PATENT TRADEMARK OFFICE	OR <input type="checkbox"/> Correspondence address below
Name _____		
Address _____		
City _____	State _____	Zip Code _____
Country _____	Telephone _____	Fax _____

Name (Print/Type)	Kenneth E. Jenkins, Ph.D.	Registration No. (Attorney/Agent)	51,846
Signature			Date 08/27/2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450. 60027320 v1